



The Pursuit of Federal Sustainability

High Performance Sustainable Buildings: Guiding Principles for Existing Buildings



Workshop Objectives

- Gain a high –level understanding of the High Performance Sustainable Buildings (HPSB) Guiding Principles (GP) for Existing Buildings.
- Learn the basic steps to use EPA’S Portfolio Manager & the HPSB Checklist to document compliance.
- Highlight the GP reporting relationship to FIMS.

Guiding Principles for Existing Buildings

- I. Employ Integrated Design Principles
- II. Optimize Energy Performance
- III. Protect and Conserve Water
- IV. Enhance Indoor Environmental Quality
- V. Reduce Environmental Impact of Materials



Executive Order 13514 requires agencies to maintain EO 13423 goals and meet additional sustainability targets

Section (g)

(iii) ensuring that at least 15% of the agency's existing buildings (above 5000 gross square feet) and building leases (above 5000 gross square feet) meet the Guiding Principles by fiscal year 2015 and that the agency makes annual progress toward 100 percent agency conformance.



Historical Compliance

Existing buildings can be considered compliant with the Guiding Principles if:

An agency can demonstrate that a building is compliant with each of the five *Guiding Principles for Sustainable Existing Buildings*, or

A documented commitment to third-party existing building certification was made (e.g., registering a project) **prior** to October 1, 2008 **AND** the building is third-party certified to meet the requirements of a multi-attribute green building standard or rating system developed by an ANSI-accredited organization.

Track status in FIMS.

The Guiding Principles for Existing Buildings & LEED® EB:O&M

- Are the Guiding Principles the same as LEED®?
 - No. The Guiding Principles for Existing Buildings are a distinct set of requirements
- Can LEED be used to meet the Guiding Principles?
 - Yes. However the Guiding Principles must be met. A crosswalk between the Guiding Principles and LEED is available. Achieving LEED does not guarantee that the Guiding Principles have been met.
- Do Existing Buildings (non major renovation) need to meet LEED EB: O&M?
 - No. Existing Buildings need to meet the Guiding Principles.
- Is EPA's ENERGY STAR Portfolio Manager another sustainable building rating program?
 - No. It is a web based interactive program that can benchmark energy and water usage and provide an "energy performance rating" that can be used to meet the Guiding Principles or LEED. The program includes the HPSB Checklist for federal facilities.

Pursuit of the Guiding Principles

- **Approximately 80% of the Guiding Principles include:**
 - 13 building and site-wide policies/plans/guidance/specifications*
 - Metered energy usage, benchmarking & commissioning requirements
 - Metered water efficiency
 - Electricity/gas/steam building meter(s)
- **Remainder:**
 - ASHRAE Standard and ASHRAE Standard 62.1-2007
 - Eliminating ozone depleting compounds*
 - Daylighting controls/views
 - Waste management
 - Renewable Energy (life cycle cost effective)

* Eliminating ozone depleting compounds may also be a policy/plan

GUIDING PRINCIPLE I:

Employ Integrated Assessment, Operation and Management Principles

Integrated Assessment, Operation and Management:

Use an integrated team to develop and implement policy regarding sustainable operations and maintenance...

Incorporate sustainable operations and maintenance practices within the appropriate Environmental Management System (EMS). Establish operational performance goals...

Implement tenant education and augment building operations and maintenance as needed using occupant feedback...

Commissioning :

Employ recommissioning, tailored to the size and complexity of the building and its system components in order to optimize and verify performance of fundamental building systems...

GUIDING PRINCIPLE II:

Optimize Energy Performance

Energy Efficiency – Three options available to document and measure energy efficiency performance...

On-Site Renewable Energy – Implement renewable energy on-site.

Measurement and Verification – Install building level electricity meters (natural gas and steam if used)

Benchmarking – Compare annual performance .



GUIDING PRINCIPLE III:

Protect and Conserve Water

Indoor Water – Two options can be used to reduce potable water use...

Outdoor Water – Three options can be used to reduce outdoor potable water use...

Measurement of Water Use – The installation of water meters are encouraged...

Process Water - Deploy life-cycle cost effective measures...

Water Efficient Products – Where available use EPA's WaterSense – labeled products.

GUIDING PRINCIPLE IV:

Enhance Indoor Environmental Quality

Ventilation and Thermal Comfort – Meet ASHRAE Standard 55-2004 and ASHRAE Standard 62.1-2007.

Moisture Control - Use an appropriate moisture control strategy ...

Daylighting and Lighting Controls – Provide automated lighting controls, and achieve minimum daylight factor or provide occupant controlled lighting...

Low-Emitting Materials – use and specify low emitting materials for building modification, maintenance and cleaning...

Integrated Pest Management – use integrated pest management techniques...

Environmental Tobacco Smoke Control - Prohibit smoking within the building and within 25 feet of entrances and ventilation intakes...



GUIDING PRINCIPLE V:

Reduce Environmental Impact of Materials

Recycled Content – provide preference to purchase EPA designated products...

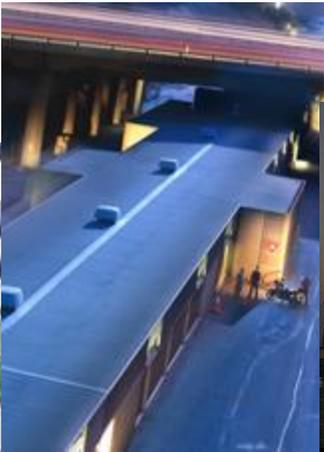
Biobased Content – Provide preference to purchase USDA –designated products...

Environmentally Preferable Products – use products that meet standards and ecolabels...

Waste and Materials Management –Provide reuse and recycling services for building occupants...

Ozone depleting Compounds – Eliminate the use of ozone depleting compounds...

HOW DO I TRACK, DOCUMENT AND REPORT?



The Federal High Performance Sustainable Buildings Checklist (Guiding Principles Checklist)

NEW!

EPA's Portfolio Manager

Version for Federal Existing Buildings

Federal High Performance Sustainable Buildings Checklist
The purpose of this checklist is to assist Federal agencies with assessing their existing building stock against the Guiding Principles for Sustainable Existing Buildings, and for reporting on the sustainability data element of the Federal Real Property Profile (FRPP). Click [here](#) for instructions on completing the checklist.

Agency: Department of Energy (DOE)
Department/Region:
Federal Campus:
Building Name: Test Site 1
Federal Real Property ID: 01
Checklist Manager: [save](#)
Sustainability Path: Guiding Principles [edit](#)

Guiding Principle Completion

Category	Percentage
Yes	69%
No	0%
In Process	19%
Not Assessed	12%

Guiding Principle Completion: 69% Yes

Last edit date: 08/09/2010 [Upload & View Compliance Documents on File](#) [Generate Report](#)

Indicates that "YES" has been selected for all guiding principles within a section.

Employ Integrated Design **Optimize Energy Performance** **Protect and Conserve Water** **Enhance Indoor Environmental Quality** **Reduce Environmental Impact of Materials**

Employ Integrated Assessment, Operation, and Management Principles [Exit](#) [Save](#)

Guiding Principle	Action Required	Compliance Verification Documents on File	Responsible Team Member	Notes / Comments
Integrated Assessment, Operation, and Management				
Integrated 1	Use an integrated team to develop and implement policy regarding sustainable operations and maintenance.	<input type="checkbox"/> Team roster or equivalent <input checked="" type="checkbox"/> Completed "Responsible Team Member" fields <input type="checkbox"/> Other: <input type="text"/>	Enter Name : <input type="text" value="James Sandia"/>	View Note/Comment
☑ Yes ☐ No ☐ In Process ☐ Not Assessed References and Resources				
Integrated 2	Establish operational performance goals for energy,	<input checked="" type="checkbox"/> EMS Manual that incorporates	Enter Name :	Enter Note/

What is Portfolio Manager?

- An interactive management tool that allows users to **track, assess and benchmark energy and water consumption** for *all* facility types across entire building portfolios
- For certain “ratable” spaces, it is a **standardized metric** for comparing whole building energy performance to other buildings of similar type
- To access the Guiding Principles Checklist, buildings must be designated as federal within Portfolio Manager

The Federal Guiding Principles Checklist

PORTFOLIO MANAGER

Home > My Portfolio > Test Site 1 > Sustainability Checklist

Federal High Performance Sustainable Buildings Checklist

The purpose of this checklist is to assist Federal agencies with assessing their existing building stock against the Guiding Principles for Sustainable Existing Buildings, and for reporting on the sustainability data element of the Federal Real Property Profile (FRPP). Click [here](#) for instructions on completing the checklist.

Agency: Department of Energy (DOE)
Department/Region:
Federal Campus:
Building Name: Test Site 1
Federal Real Property ID: 01
Checklist Manager: Joe Sandia [SSW](#)
Sustainability Path: Guiding Principles [add](#)

Guiding Principle Completion

100% Yes
0% No
0% In Process
0% Not Assessed

Guiding Principle Completion: 100% Yes

Last edit date: 06/14/2010 [Upload & View Compliance Documents on File](#) [Generate Report](#)

Indicates that "YE" has been selected for all guiding principles within a section.

Employ Integrated Design Optimize Energy Performance Protect and Conserve Water Enhance Indoor Environmental Quality Reduce Environmental Impact of Materials

Reduce Environmental Impact of Materials

Guiding Principle	Action Required	Compliance Verification Documents on File	Responsible Team Member	Notes / Comments
Recycled Content				
Recycle 1	Per section 6002 of RCRA, for EPA-designated products, meet or exceed EPA's recycled content recommendations for building modifications, maintenance, and cleaning. For other products, use materials with recycled content such that the sum of postconsumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost or weight) of the total value of the materials in the project. If EPA-designated products meet performance requirements and are available at a reasonable cost, a preference for purchasing them shall be included in all solicitation relevant to construction, operation, maintenance of or use in the building. EPA's recycled content products designations and recycled content recommendations are available on EPA's Comprehensive Procurement Guideline web site at www.epa.gov/cpg .	<input checked="" type="checkbox"/> Purchasing policy <input type="checkbox"/> Construction specifications <input type="checkbox"/> Affirmative procurement reports <input type="checkbox"/> Other: enter document name	Enter Name : <input type="text"/>	Enter Note/Comment

Yes No In Process Not Assessed

[References and Resources](#)

Pre-populated building Info

Pie chart of GPs status (%)

Upload compliance documents

Compliance verification documents

Enter notes and Comments

Guiding Principle

Log-in to Portfolio Manager to Access the Guiding Principles Checklist

The screenshot shows the Energy Star homepage. At the top, there is a navigation bar with the Energy Star logo and a search box. Below the navigation bar, there are several main sections: 'PRODUCTS', 'HOME IMPROVEMENT', 'BUILDINGS & PLANTS', and 'NEW HOMES'. The 'BUILDINGS & PLANTS' link is circled in red. Other sections include 'Find ENERGY STAR Facilities Now with Mapping!', 'ENERGY STAR HOME ADVISOR', and 'HEADLINES'. At the bottom, there is a 'GO TO PARTNER RESOURCES' button and a 'Login' form.

www.energystar.gov

The screenshot shows the Energy Star Portfolio Manager Overview page. At the top, there is a navigation bar with the Energy Star logo and a search box. Below the navigation bar, there are several main sections: 'Buildings & Plants', 'Guidelines for Energy Management', 'Tools & Resources Library', 'Expert Help', 'Commercial Building Design', and 'Green Buildings'. The 'Portfolio Manager Overview' section is highlighted. Below this section, there is a 'How can Portfolio Manager help me?' section with a list of links. The 'Portfolio Manager Login' form is circled in red. Other sections include 'Manage Energy and Water Consumption for All Buildings' and 'Manage Energy and Water Consumption for Individual Buildings'.

www.energystar.gov/benchmark

Accessing the Federal HPSB Checklist “Your Portfolio” of Buildings

ENERGY STAR PORTFOLIO MANAGER

ACCOUNT INFORMATION CONTACTS FAQ FREQUENTLY ASKED QUESTIONS CONTACT US HELP LOGOUT

Home > My Portfolio

Portfolio Averages

Baseline Rating: N/A Facilities Included: 0	Current Rating: 56 Facilities Included: 1
Change from Baseline: Portfolio Adjusted Percent Energy Use (%): N/A Facilities Included: 0	
Averages are weighted by Total Floor Space. More about Baseline More about Change from Baseline - Adjusted Energy Use	

[Add a Property](#)
[Import Facility Data Using Templates](#)

Work with Facilities
[Update Multiple Meters](#)
[Share Facilities](#)

Reporting and Analysis
New! [Generate Reports and Graphs](#)
[Request Energy Performance Report](#)
[Federal Sustainability Report](#)

Apply for Recognition
[Apply for the ENERGY STAR ENERGY STAR Leaders](#)

Automated Benchmarking
[Get Started Now](#)

GROUP: All Facilities [Create Group](#) | [View All](#) VIEW: Summary: Facilities [Create View](#) | [Edit View](#) | [View All](#)

[Download](#) in Excel Search Facility Name:

Results 1 - 2 of 2 All # A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Facility Name	Current Rating (1-100)	Change from Baseline: Adjusted Energy Use (%)	Total Floor Space (Sq. Ft.)	Energy Use Alerts	Current Energy Period Ending Date	Eligibility for the ENERGY STAR	Last Modified
Sample Facility	56	N/A	15,000	Data > 120 days old	12/31/2009	Not Eligible: Rating must be 75 or above (ENERGY STAR Eligibility Rules)	03/22/2010
Test Site 1	N/A	N/A	0			N/A	

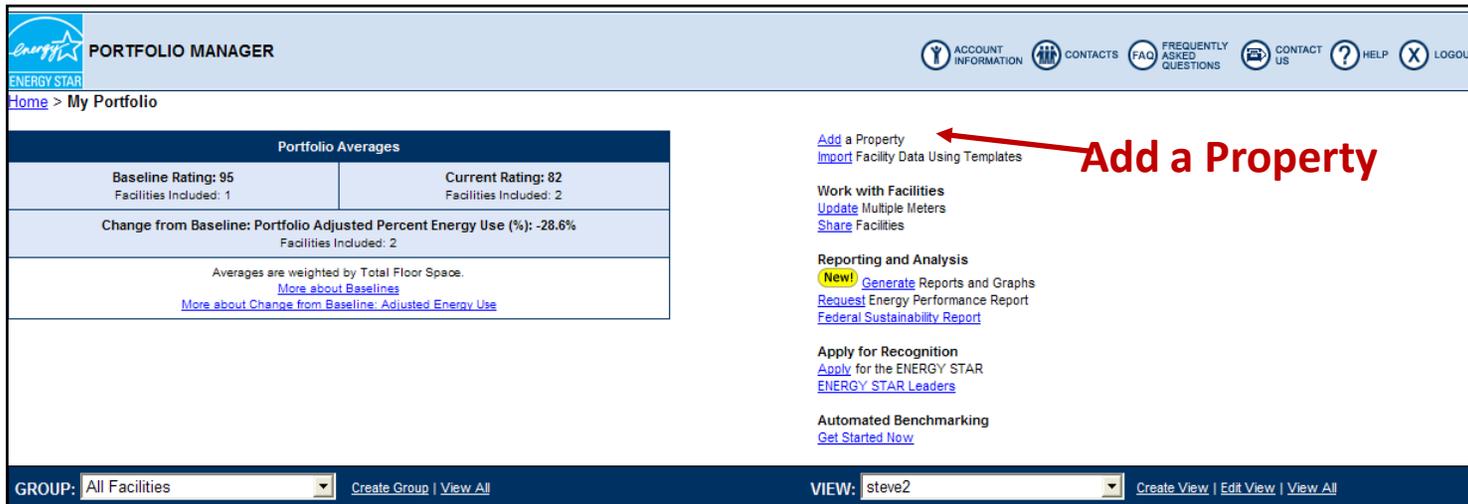
[Download](#) in Excel Search Facility Name:

Results 1 - 2 of 2 All # A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Your building portfolio. It could be 1 or more buildings.

Accessing the Guiding Principles Checklist by Designating Buildings as Federal

Add individual federal properties to Portfolio Manager



PORTFOLIO MANAGER

ACCOUNT INFORMATION CONTACTS FAQ FREQUENTLY ASKED QUESTIONS CONTACT US HELP LOGOUT

Home > My Portfolio

Portfolio Averages

Baseline Rating: 95 Facilities Included: 1	Current Rating: 82 Facilities Included: 2
Change from Baseline: Portfolio Adjusted Percent Energy Use (%): -28.6% Facilities Included: 2	
Averages are weighted by Total Floor Space. More about Baselines More about Change from Baseline: Adjusted Energy Use	

[Add a Property](#)
[Import Facility Data Using Templates](#)

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[Request Energy Performance Report](#)
[Federal Sustainability Report](#)

Apply for Recognition
[Apply for the ENERGY STAR ENERGY STAR Leaders](#)

Automated Benchmarking
[Get Started Now](#)

GROUP: All Facilities Create Group | View All VIEW: steve2 Create View | Edit View | View All

Add a Property

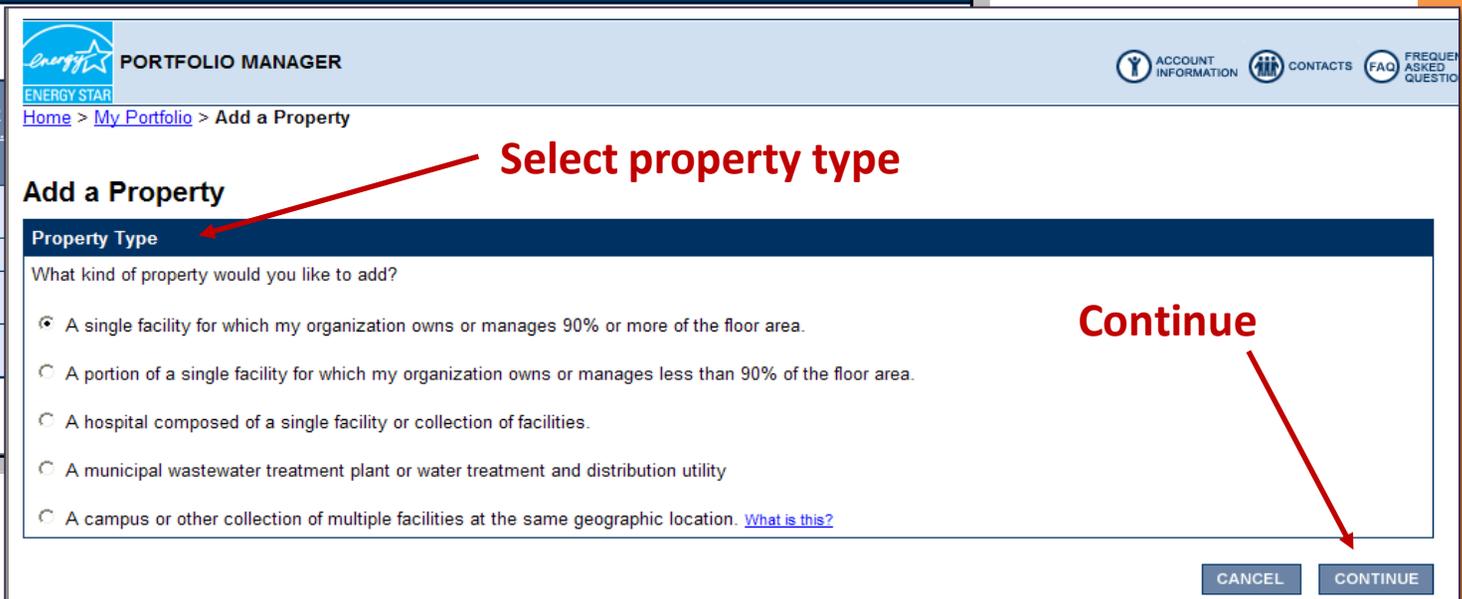
Download in Excel

Results 1 - 4 of 4

Facility Name	Current Rating (1-100)	Target Rating (1-100)	Current Site Energy Intensity (kBtu/Sq. Ft.)
Erin's Energy Efficient Edifice	99	N/A	36.3
Erin's National Lab	N/A	N/A	N/A
Non-Ratable Space	N/A	N/A	88.7
Sample Facility	56	N/A	40.9

Download in Excel

Results 1 - 4 of 4



PORTFOLIO MANAGER

ACCOUNT INFORMATION CONTACTS FAQ FREQUENTLY ASKED QUESTIONS

Home > My Portfolio > Add a Property

Add a Property

Property Type

What kind of property would you like to add?

- A single facility for which my organization owns or manages 90% or more of the floor area.
- A portion of a single facility for which my organization owns or manages less than 90% of the floor area.
- A hospital composed of a single facility or collection of facilities.
- A municipal wastewater treatment plant or water treatment and distribution utility
- A campus or other collection of multiple facilities at the same geographic location. [What is this?](#)

Continue

CANCEL CONTINUE

Select property type

Continue

Accessing the Guiding Principles Checklist by Designating Buildings as Federal

Add individual federal properties to Portfolio Manager manually

[Home](#) > [My Portfolio](#) > Add General Facility Information

Add General Facility Information

Use the form below to provide general information concerning your facility.

*** REQUIRED**

*Type of Facility:

- A single facility for which my organization owns or manages 90% or more of the floor area.
- A portion of a single facility for which my organization owns or manages less than 90% of the floor area.
- A hospital composed of a single facility or collection of facilities.
- A municipal wastewater treatment plant or water treatment and distribution facility.

*Is this facility owned, operated or leased by the Federal government?:

- No
- Yes

*Agency:

Department/Region:

Federal Campus:

*Federal Real Property ID:

*Country:

*Facility Name:

*Address:

*City:

PORTFOLIO MANAGER

Home > My Portfolio > Erin's Energy Efficient Edifice

Facility Summary: **Erin's Energy Efficient Edifice**
[How do I use this page?](#)

Building ID: 1694151
 Level of Access: Building Data Administrator

Electric Distribution Utility: San Antonio City of
 Regional Power Grid: [ERCOT All](#)
[Select my Power Generation Plant](#) to calculate my electric emissions rate
 Electric Emissions Rate (kgCO₂e/MBtu): 176.7 ([what is this?](#))

[Generate a Statement of Energy Performance](#) for uses other than applying for the ENERGY STAR.

General Information [Edit](#)

Address: 110 Hibiscus Lane , San Antonio, TX 78213	
Year Built: 1990	
Property Type: Single Facility	
Baseline Rating: 95	Current Rating: 99
Eligibility for the ENERGY STAR	
Eligible to Apply for the ENERGY STAR	

Facility Performance [Set Baseline Period](#) | [Set Energy Performance Target](#)

Select View: [Create View](#) | [Edit View](#)

12 Months Ending	Indoor Water Use (kGal)	Indoor Water Use per Sq. Ft. (kGal)
April 2009	444.0	0.02
Select Date		

Change

[REFRESH VIEW](#)

Space Use [Add Space](#)

Space Name	Space Type	Floor Area (Sq. Ft.)	% Floor Area	Alerts	
Data Center	Computer Data Center	2,000	6		Delete Space
Parking Garage	Parking	10,000	31		Delete Space

General Facility Administration

[Track](#) Energy Performance Improvements
[Delete](#) this Facility from Portfolio Manager
[Contact](#) us

For Federal Buildings
[Federal High Performance Sustainable Buildings Checklist](#)

Sharing Data
[Add](#) user to share this Facility

Add General Facility Information

Is this a federal facility? If Yes

Fill out required info and Save

Click on High Performance Sustainable Buildings Checklist

Portfolio Manager: Process Overview

Register a new account

Add a federal property

Add a space

Add a utility meter

Update data

Home > My Portfolio > Erin's Energy Efficient Edifice > Sustainability Checklist

Federal High Performance Sustainable Buildings Checklist

The purpose of this checklist is to assist Federal agencies with assessing their existing building stock against the Guiding Principles for Sustainable Existing Buildings, and for reporting on the sustainability data element of the Federal Real Property Profile (FRPP).

Agency: Department of Energy (DOE)
Department/Region:
Federal Campus:
Building Name: Erin's Energy Efficient Edifice
Federal Real Property ID: 12345678
Checklist Manager: Erin Zayko [edit](#)
Sustainability Path: Guiding Principles & Third-party [edit](#)

Last edit date: 10/23/2009 [Upload & View Compliance Documents on File](#)

Guiding Principle Completion 73%

Guiding Principle	Action Required	Compliance Verification Documents on File	Responsible Team Member	Notes / Comments
Employ Integrated Design <input checked="" type="checkbox"/>				
Optimize Energy Performance				
Protect and Conserve Water				
Enhance Indoor Environmental Quality				
Reduce Environmental Impact of Materials <input checked="" type="checkbox"/>				
Employ Integrated Assessment, Operation, and Management Principles Exit Save				
Integrated Assessment, Operation, and Management				
Integrated 1	Use an integrated team to develop and implement policy regarding sustainable operations and maintenance. <input checked="" type="radio"/> Yes <input type="radio"/> No <input type="radio"/> In Process <input type="radio"/> Not Assessed References and Resources	<input checked="" type="checkbox"/> Team roster or equivalent <input type="checkbox"/> Completed "Responsible Integrated Team Member" fields <input type="checkbox"/> Other: <input type="text" value="enter document name"/>	Enter Name: <input type="text" value="Erin Zayko"/> View Note/Comment	
Integrated 2	Establish operational performance goals for energy, water, material use and recycling, and indoor environmental quality, and ensure incorporation of these goals throughout the remaining lifecycle of the building. Incorporate sustainable operations and maintenance practices within the appropriate Environmental Management System (EMS).	<input checked="" type="checkbox"/> EMS Manual that incorporates operational performance goals and sustainable operations and maintenance practices <input type="checkbox"/> Other: <input type="text" value="enter document name"/>	Enter Name: <input type="text" value="Mike Myers"/> View Note/Comment	

After the first two steps, users can access the Guiding Principles Checklist

I have over 500 buildings on site.

Is there a way to input
data faster?



Import federal facilities into Portfolio Manager using the Federal Building Import Template

- Contact OECM for guidance on completing fields.

- Time-saving tool designed for agency-wide data upload

- Complete required building info/fields B-K to access the checklist

- Complete all fields to start the process of tracking energy use

- Submit to EPA staff for data QC and successful upload

	B	C	D	E	F	G	H
1	Facility Name	Street Address	City	State Abbreviation	Zip Code	Year Built	Agency
2	100 Area Emergency Rad Detect Sys Bldg	Hanford Site 100 Area	Richland	WA	99354	1985	Department of Energy (DOE)
3	Radiological Calibrations Lab	318 Cypress St.	Richland	WA	99354	1967	Department of Energy (DOE)
4	Oil Storage Facility	350D Ash St.	Richland	WA	99354	1987	Department of Energy (DOE)
5	Storage Building	350C Ash St.	Richland	WA	99354	1982	Department of Energy (DOE)
6	331G Integration Laboratory	331G Cypress St.	Richland	WA	99354	1977	Department of Energy (DOE)
7	3760 Office Building	3760 Redwood St.	Richland	WA	99354	1962	Department of Energy (DOE)
8	Analysis & Nuclear Research Lab	320 Cypress St.	Richland	WA	99354	1965	Department of Energy (DOE)
9	Warehouse	350B Ash St.	Richland	WA	99354	1980	Department of Energy (DOE)
10	Interim Waste Storage & Disposal	331C Cypress St.	Richland	WA	99354	1974	Department of Energy (DOE)
11	Aerosol Wind Tunnel Res Fac	331H Cypress St.	Richland	WA	99354	1979	Department of Energy (DOE)
12	Biomagnetic Effects Lab	331D Cypress St.	Richland	WA	99354	1974	Department of Energy (DOE)
13	Storage Building	Hanford Site 600 Area	Richland	WA	99354	1973	Department of Energy (DOE)
14	William R. Wiley - EMSL	3345 Q Avenue	Richland	WA	99354	1997	Department of Energy (DOE)
15	Nike Bunker	Hanford Site ALE Area	Richland	WA	99354	1944	Department of Energy (DOE)
16	300 Area Emergency Rad Detect Sys Bldg	Hanford Site 300 Area	Richland	WA	99354	1985	Department of Energy (DOE)
17	Life Sciences Lab	331 Cypress St.	Richland	WA	99354	1970	Department of Energy (DOE)
18	Radiochemical Processing Laboratory	325 Redwood St.	Richland	WA	99354	1953	Department of Energy (DOE)

	J	K	L	M	N	O
1	Federal Campus	Federal Real Property ID	Other Federal ID	Space Type (Drop Down)	Square Footage	Meter Type 1 (Drop Down)
2	Pacific Northwest Natior	6221NA	001	Other	96	Electricity - Grid Purchase - MBtu (million Btu)
3	Pacific Northwest Natior	318	001	Other	37025	Electricity - Grid Purchase - MBtu (million Btu)
4	Pacific Northwest Natior	350D	001	Other	960	Electricity - Grid Purchase - MBtu (million Btu)
5	Pacific Northwest Natior	350C	001	Warehouse (Unrefrigerated)	212	Electricity - Grid Purchase - MBtu (million Btu)
6	Pacific Northwest Natior	331G	001	Office	1200	Electricity - Grid Purchase - MBtu (million Btu)
7	Pacific Northwest Natior	3760	001	Other	21908	Electricity - Grid Purchase - MBtu (million Btu)
8	Pacific Northwest Natior	320	001	Other	31427	Electricity - Grid Purchase - MBtu (million Btu)
9	Pacific Northwest Natior	350B	001	Other	2122	Electricity - Grid Purchase - MBtu (million Btu)
10	Pacific Northwest Natior	331C	001	Other	5116	Electricity - Grid Purchase - MBtu (million Btu)
11	Pacific Northwest Natior	331H	001	Other	3557	Electricity - Grid Purchase - MBtu (million Btu)
12	Pacific Northwest Natior	331D	001	Warehouse (Unrefrigerated)	1280	Electricity - Grid Purchase - MBtu (million Btu)
13	Pacific Northwest Natior	622C	001	Warehouse (Unrefrigerated)	1170	Electricity - Grid Purchase - MBtu (million Btu)
14	Pacific Northwest Natior	3020	003	Other	224463	Electricity - Grid Purchase - MBtu (million Btu)
15	Pacific Northwest Natior	6652L	001	Other	4663	Electricity - Grid Purchase - MBtu (million Btu)
16	Pacific Northwest Natior	6223A	001	Other	96	Electricity - Grid Purchase - MBtu (million Btu)
17	Pacific Northwest Natior	331	001	Other	115127	Electricity - Grid Purchase - MBtu (million Btu)
18	Pacific Northwest Natior	325	001	Other	144820	Electricity - Grid Purchase - MBtu (million Btu)
19	Pacific Northwest Natior	622A	001	Other	170	Electricity - Grid Purchase - MBtu (million Btu)
20	Pacific Northwest Natior	622B	001	Other	144	Electricity - Grid Purchase - MBtu (million Btu)
21	Pacific Northwest Natior	622R	001	Other	8960	Electricity - Grid Purchase - MBtu (million Btu)
22	Pacific Northwest Natior	326	001	Other	63334	Electricity - Grid Purchase - MBtu (million Btu)
23	Pacific Northwest Natior	350A	001	Other	1400	Electricity - Grid Purchase - MBtu (million Btu)
24	Pacific Northwest Natior	350	001	Other	22048	Electricity - Grid Purchase - MBtu (million Btu)
25	Pacific Northwest Natior	329	001	Other	39420	Electricity - Grid Purchase - MBtu (million Btu)
26						

After upload, facilities appear on My Portfolio view

Accessing the Guiding Principles Checklist by Designating Buildings as Federal

Import federal facilities into Portfolio Manager using the Federal Building Import Template

From Facility Summary page, click on High Performance Sustainable Buildings Checklist (GP Checklist)

Portfolio Averages

Baseline Rating: 95 Facilities Included: 1	Current Rating: 82 Facilities Included: 2
Change from Baseline: Portfolio Adjusted Percent Energy Use (%): -28.6% Facilities Included: 2	
Averages are weighted by Total Floor Space. More about Baselines More about Change from Baseline - Adjusted Energy Use	

Work with Facilities

- [Add a Property](#)
- [Import Facility Data Using Templates](#)
- [Work with Facilities](#)
- [Update Multiple Meters](#)
- [Share Facilities](#)

Reporting and Analysis

- [New! Generate Reports and Graphs](#)
- [Request Energy Performance Report](#)
- [Federal Sustainability Report](#)

Apply for Recognition

- [Apply for the ENERGY STAR ENERGY STAR Leaders](#)
- [Automated Benchmarking Get Started Now](#)

Facilities Table:

Facility Name	Current Rating (1-100)	Target Rating (1-100)	Current Site Energy Intensity (kBtu/Sq. Ft.)	Change from Baseline: Adjusted Energy Use (%)	Change from Baseline: GHG Emissions (MTCO ₂ e)
Erin's Energy Efficient Edifice	99	N/A	36.3	-24.3	-39.80
Erin's National Lab	N/A	N/A	N/A	N/A	N/A
Non-Ratable Space	N/A	N/A	88.7	-38.1	-96.48
Sample Facility	56	N/A	40.9	N/A	N/A

Facility Summary: Erin's Energy Efficient Edifice

Address: 110 Hibiscus Lane , San Antonio, TX 78213
Year Built: 1990
Property Type: Single Facility
Baseline Rating: 95 | Current Rating: 99

Electric Distribution Utility: San Antonio City of
Regional Power Grid: [ERCOT All](#)
Electric Emissions Rate (kgCO₂e/MBtu): 176.7 ([what is this?](#))

Facility Performance

Select View: Water

12 Months Ending	Indoor Water Use (kGal)	Indoor Water Use per Sq. Ft. (kGal)
April 2009	444.0	0.02

Space Use

Space Name	Space Type	Floor Area (Sq. Ft.)	% Floor Area	Alerts
Data Center	Computer Data Center	2,000	6	Delete Space
Parking Garage	Parking	10,000	31	Delete Space

General Facility Administration

- [Track Energy Performance Improvements](#)
- [Delete this Facility from Portfolio Manager](#)
- [Contact us](#)
- [For Federal Buildings: Federal High Performance Sustainable Buildings Checklist](#)
- Sharing Data**
[Add user to share this Facility](#)

After upload, select building from My Portfolio page

LET'S GO LIVE!

Live Demonstration of the Federal HPSB Checklist

www.energystar.gov

Guiding Principles for Existing Buildings Training Workshops and Contact Information

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